

ASSET COMMUNICATION FORMAT WITHIN A COMPUTER NETWORK

ABSTRACT

A communication format and protocol is described for routing and storage “asset”
5 within a computer network. The assets conform to a format in which a first data structure
that stores asset meta information to control routing of the asset through a medical imaging
network. A second data structure that stores medical imaging information received from a
medical imaging modality. A third data structure that stores pixel data received from the
medical imaging modality. A fourth data structure that stores patch data that includes
10 modifications to the medical imaging information. A fifth data structure that stores error
detection and correction information.